October 27, 2003

Answers to the following questions have been revised from those previously posted: 8, 11, 22, 24, 34, 35, 39, 53, 54, 56, 57, 60, 63, 69, 75, 76, 92, 97, 106, 110, 117, 128, 129, 130, 133, 134, 136, 137, 138, 140, 141, 142, 143, 144, 145, 146, 149 and 150

The following questions and answers are newly posted: 151, 152, 153, 154, and 155.

#	Question	Answer
1.	Will IV&V be a Separate Delivery Order?	The government will perform the
		Independent Verification & Validation
		as part of their acceptance testing.
		No other IV&V will be conducted
		during the contract performance period.
2.	How many of the documentation templates exist today for	The Government will provide only the
	MOCAS? Will they be provided?	documentation posted with the RFP.
		However, if the contractor, during the
		course of performance, discovers
		additional documents, they may be
		requested through the COR.
3.	consolidation of three current physical databases into a	The contract requires all 3 MOCS be
	single instance with a single set of executable files and	consolidated into one physical
	JCL. Please further define single instance. Does that	database within a single instance.
	mean all 3 MOCs into 1 database within a single instance	
	or 3 MOCs into 3 databases within a single instance?	Non numbered organization of
4.	Error messages. Error messages will be numbered and	Non-numbered error messages do not have to be numbered in the
	worded in the rehosted system the same as they are numbered and worded in the as-is MOCAS system. Does	
	mumbered and worded in the as-is income system. Dues	ichosted Moord. However, the

	this apply to the non-numbered error messages? Are they documented and if so, will they be provided?	wording must be the same. The non- numbered error messages are documented to the extent reflected in the as-is documentation. However, if the contractor, during the course of performance, discovers additional documents, they may be requested through the COR.
5.	Where any part of a system interface, whether files or programs, are identified as part of the as-is MOCAS, the contractor may change them, while maintaining full functionality. If they are not identified as part of the as-is MOCAS, they may not be changed, and as with all interfaces, their functionality must be maintained. Please clarify what is deemed a system interface? Where are the as-is MOCAS Interfaces identified that may not be changed?	The interfaces that may not be changed are all interfaces that are not identified in the as-is documentation at Section J, attachment 1.7 as "Mainframe Applications in Rehost Project." All known interfaces that are not included in the as-is MOCAS are depicted either on the diagram at asis tab 1.1.11 or on the as-is documentation at Section J, attachment 1.7.
6.	Page 2 of the "MOCAS As-Is Technical Environment" states that the Shared Data Warehouse [SDW] is written in Cobol and Assembler. However, the "Shared Data Warehouse Overview" document mentions various COTS products, such as Oracle. Please clarify.	The portion of the SDW that is part of the as-is MOCAS that will be rehosted is written solely in COBOL and Assembler and is resident on the mainframe. There are portions of the SDW that are outside the scope of the rehost project that use other products that are not resident on the mainframe.

7.	Section L, 1.0 states that DFAS is conducting this acquisition based upon an IPT development framework. The RFP does not address the requirements that the Government intends to have the contractor comply with within an IPT framework. Where or what is the Governments definition of IPT as it relates to the MOCAS RFP and what is the role(s) that the Government envisions for the contractor as a member of the IPT?	The IPT is the Government's Integrated Product Team. The contractor will not be required to participate on the IPT.
8.		A decision to extend the closing date will be addressed in amendment 4.
9.		A repair is an emergency if designated as such by the PCO or COR.
10.	paragraph 2.2 Table 2.1. Does the government require an original and 11 hard copies (for a total of 12) or a total of 11	Eleven total copies are required for Volumes I, II, and V. Six total copies are required for Volume III. Three total copies are required for Volume IV. Total copies equals the number of reproductions plus the original.
11.	Reference: Section L, page 7, paragraph L.6.1 Model	This will be addressed in amendment 4.
12.	Reference: Section L, page 9, paragraph L.7.2 Early Proposal Information. This section requests that each contractor submit the information in Attachment 1 seven days prior to the date set for the receipt of the proposals.	Yes.

	Can this early proposal information be submitted electronically only and paper copy submitted on the date set for receipt of proposals?	
13.	Will it be possible to remove program sources to another location during appropriate phases of the project, or must all work be conducted on-site? If program sources can be removed from the site, is it also possible to remove test data from the site?	See SOW section 15.
14.	In measuring test coverage, is branch/path coverage sufficient or will DFAS require McCabe style logical test path coverage or another standard? If another standard, which standard?	The contractor must determine what testing is sufficient to ensure the rehosted MOCAS complies with the contract requirements.
15.	to our questions? What standard of timeliness of access	The Government will not provide SMEs. The Government does not guarantee that it will answer any particular question that is submitted, however, questions may be submitted IAW par. 5 of the statement of work. There is no standard of timeliness of responses.
16.	available as required to demonstrate operation of the programs, or [b] should we plan for delays in access to application operational personnel and/or time constraints on	a.) No. b.) Questions may be submitted IAW par. 5 of the statement of
17.	Reference: Section C, paragraph 19, "various Government sites" and "at a location other than	No.

	DSCC." Can the Government please identify by location "various Government sites" so a more accurate cost can be applied?	
18.	Reference: Section C, paragraph 19, "various Government sites" and "at a location other than DSCC." Can the Government please identify by location "at a location other than DSCC"?	No.
19.	, , , ,	The language does not conflict. Approval for work outside DSCC will not be granted if it requires removal of sensitive material.
20.	Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments. Please provide the current versions of OS/390, CICS, and all language compilers/linkers/IDEs.	The versions found at solicitation section J, attachment 2.4. are current as of the date of solicitation. If later versions are to be used, the Government will provide them by amendment or modification.
21.	Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments What security manager is being used (e.g., RACF, ACF2, Top Secret, etc.)?	See solicitation section J, attachment 1.1.6.
22.	specified. [a] Is IBM's CICS system available for on-line	 a) See solicitation section J, attachment 2.4 and paragraph 16 of the statement of work, Government Furnished Property. b) This will be addressed in amendment 4. c) This will be addressed in amendment 4.

	is available?	
23.		Full documentation of the rehosted MOCAS is required in accordance with par. 14 of the statement of work. This is not limited to the changes resulting from this project or any other limitations.
24.	Of the COTS listed, which ones have existing waivers in place? How long are those waivers effective?	The GFP listed in the solicitation do not require waiver requests from the contractor.
25.	which is covered by the Privacy Act and which is category ADP/AIS II. What's the current timeframe involved with clearing an individual to ADP level 2? Will an existing Secret clearance allow one to start with a waiver on day one?	New level II access takes an average of 45 days from submission of a completed application. If an individual has a current, valid, Secret clearance, without a 24-month break in service, access takes approximately 7 days. Note: Personnel security requirements are addressed in amendment 4.
26.	affected? How many SCRs have been approved or are pending that would be in process during the Rehost Period?	The number of SCRs in the last year is not relevant to this solicitation, since, if they occurred, are already part of the as-is MOCAS. If any changes to the as-is MOCAS are required, they will be addressed by contract modification.

27.	Page 4 of the "MOCAS As-Is Technical Environment" states that the Payment Pre-Validation Module (PPVM) resides on the same machine ands MOCAS and shares files with MOCAS. Can we assume these shared "files" are not the SUPRA database, but files that are generated out of MOCAS? Are the PPVM programs included in the list of code to be rehosted? According to the MOCAS As-Is Technical Environment diagram, the PPVM is not included.	19
28.	Reference: Section C, paragraphs 4 and 14; and Section L, paragraph L.4.3.11. Should the contractor assume that development of the test plan be all inclusive and that no suitable existing test data population, transactions/data entry, or expected results exist for the system and all interfaces?	The contractor should assume nothing. The terms of the solicitation require the contractor to be responsible for development of the complete, all-inclusive test plan.
29.	The contractor shall submit, as part of its proposal, and in accordance with the terms of the solicitation, a Software Test Plan. The Government will use the test plan, during the course of the contract, to monitor the contractor's progress toward timely and acceptable performance and to determine whether deviations from this plan are conditions threatening performance. There's no mention of Government participation during testing. We request that the Government participate during all testing to ensure successful testing and that the size of the Government team be agreed upon 60 days prior to the test period.	See SOW section 9. The Government may observe but will not participate in contractor testing.
30.	a complete copy of MOCASone time snapshot of full-production data. Will this snapshot include enough data to be representative of the 100% functionality (Daily, Monthly, Yearly, etc) of MOCAS to include error processing and exception reporting?	Not necessarily, there is the possibility that specific types of data may not be included in the snapshot at the time it is replicated. The as-is snapshot will be able to process any and all data that the corresponding

		production database can. Therefore, the contractor can simulate any type of data and process it through the asis environment. This includes the data for error processing and exception reporting.
31.	a complete copy of MOCASone time snapshot of full-production data. Will this full production data include snapshots from G, H & L in separate databases in 3 separate CICS regions?	Yes. It is a snapshot in time of the complete production environment.
32.	Who is responsible for providing performance tuning on the Production environment? How are peripherals managed during that time?	During contractor development and testing the contractor is responsible for performance tuning of the rehosted MOCAS database. During Government testing, performance tuning will <u>not</u> be done. After acceptance, the Government will be responsible for all performance tuning and peripheral management.
33.	Reference: Section C, paragraph 2 "The executables are, in large part, mirrored in each of the three databases." Concerning the "mirrored" executables in the 3 environments that are "in large part" the same, should the contractor assume that the code is exactly the same, or should a percentage delta factor be assumed? Please supply this factor if known.	

34.	Does the contractor have authority to perform tuning in this test area directly or must the contractor request this through DISA? If so, what are the anticipated delays?	
35.	Will enough space be provided to permit legacy MOCAS and rehosted MOCAS to run in parallel?	The as-is MOCAS and the rehosted MOCAS will be able to run in parallel in the test environment.
36.	Will the Government have access to the as-is legacy MOCAS system (as awarded to the contractor) that will permit testing against that baseline as well as verification?	The Government will have access to the as-is system, and a back up copy of the as-is system, at all times. The Government will not interfere in the contractor's use of the as-is system during development and testing. After delivery, the Government will use the as-is system as its benchmark.
37.	Will the contractor share the system in conjunction with other users and if so how will system availability, priority, and access be facilitated for the contractor use of the environment?	The as-is MOCAS, the testing environment and the development environment will all reside on the same mainframe and will be available and dedicated to the MOCAS rehost project. There may or may not be other users on that mainframe.
38.	Will contractor staff be permitted to schedule MOCAS rehost activities such as online and batch jobs at their priority and discretion or will the Government require prior coordination?	The as-is MOCAS, the testing environment and the development environment will all reside on the same mainframe and will be available and dedicated to the MOCAS rehost project. The Government will not interfere in the contractor's use of the as-is, development, or testing system.

39.	Will space be provided for SUPRA baseline testing? It is anticipated that 4-5 times the space for a single baseline will be required to support parallel testing.	Available resources will be addressed in amendment 4.
40.	Will MOCAS be frozen during the rehost period? If not, how will the Government coordinate changes with the contractor?	The as-is environment provided to the contractor will be frozen. However, if there are changes that are absolutely necessary during the performance period, they will be implemented by modification.
41.	There is no mention of COOP in the SOW. Who's responsible for rebuilding COOP? Who's responsible for modifying the COOP procedures as required?	COOP is outside the scope of this solicitation.
42.	There is no mention of MOCAS Security controls in the SOW. What are the security requirements across the MOCs?	It is both mentioned and addressed in SOW section 7.
43.	Does the Government plan to post the Questions and Answers? Where will they be posted?	Yes, at <u>www.dfas.mil.</u>
44.	What tool is used to capture the batch processing duration times? Will this tool be available for contractor use?	In the as-is MOCAS, Control-M captures it and will be provided as GFP.
45.	A number of Filenames have 0 used records and 0 used files. [a] Will these need to be converted? [b] If so, will test data be provided?	a) Yes. b) No.
46.	On page 3 of the MOCAS subsystem overview, it mentions 9 subsystems, page 4 it lists 8, page 5 lists 9. Are there 9 subsystems to include Operations Support?	Yes, there are 9.
47.	a complete copy of MOCASone time snapshot of full-production data. Does this include test data for on-line testing, i.e. hard copy of the contracts from the snapshot?	No.

48.	The option of submitting questions, in writing, through the COR. However, the Government does not guarantee that it will be able to answer any particular question that is submitted because of the incomplete and/or outdated knowledge of MOCAS. These questions and answers do not relieve the contractor from responsibility for ensuring that it has a thorough and correct understanding of the as-is functionality. The Government will acknowledge the contractor's requests within two business days. Comment: Terminology as such, makes it very difficult for the contractor to assume risks to cover unknowns.	
49.	The option of submitting questions, in writing, through the COR. However, the Government does not guarantee that it will be able to answer any particular question that is submitted because of the incomplete and/or outdated knowledge of MOCAS. These questions and answers do not relieve the contractor from responsibility for ensuring that it has a thorough and correct understanding of the as-is functionality. The Government will acknowledge the contractor's requests within two business days. Based on not guaranteeing, what criteria will the Government use to assess 100% functionality in the rehost?	
50.	The contractor shall read the definition of functionality broadly, that is, to be inclusive of features rather than exclusive of features. Terminology as such, makes it very difficult for the contractor to assume risks to cover unknowns.	Comment acknowledged.
51.		Comment acknowledged.

ļ	52.	The contractor shall, if it determines that any component of	Yes.
		the as-is MOCAS code does not perform a function,	
		prepare a written explanation of the rationale, prepare	
		complete documentation of the code, and submit it to the	
		COR for permission prior to making a determination that it	
		is not part of the system functionality. The contractor	
		understands that it is unlikely that the Government will give	
		permission to omit from the rehosted MOCAS code	
		believed to be inactive. Can the contractor just convert	
L		dead code and not specifically identify it?	
ļ	53.	No later than the beginning delivery date for CLIN 0001, the	The contractor has control of the test
		contractor shall have completely purged the test platform of	environment until the required
		all data and programming. On the beginning date of	delivery date only. These terms are
		delivery for CLIN 0001, the contractor shall, in the presence	necessary to define on-time delivery.
		of the COR and any other Government representatives,	
		install the rehosted MOCAS programs on the testing	NOTE: The delivery timetable will be
		platform. The contractor will have 24 hours to complete the	addressed in amendment 4.
		installation. Once completed, the contractor shall receive	
		written notification from the COR to proceed with the data	
		migration on the testing platform. Further clarify if the test	
		environment is within the control of the contractor, why	
		does the contractor have all these restrictions?	
ļ	54.	The contractor shall, in the presence of the COR and any	The referenced timeframe is 24
		other Government representatives, install the rehosted	continuous clock hours.
		MOCAS programs on the testing platform. The contractor	
		will have 24 hours to complete the installation. Once	NOTE: The delivery timetable will be
		completed, the contractor shall receive written notification	addressed in amendment 4.
		from the COR to proceed with the data migration on the	
		testing platform. Further define 24 hours - 3 work days or	
		24 clock time?	
		will have 24 hours to complete the installation. Once completed, the contractor shall receive written notification from the COR to proceed with the data migration on the testing platform. Further define 24 hours - 3 work days or	•

55.	The Government shall accept or reject CLIN 0001 within 30 days from the final migration of the MOCAS databases (i.e. the third SUPRA database) to the production platform. At any time prior to final acceptance, any discrepancy between the functionality of the rehosted MOCAS and the as-is MOCAS maybe considered as a basis for rejection. Documentation may be rejected if (1) there is any instance where the documentation does not reflect the configuration or function of the rehosted MOCAS or (2) it does not provide sufficient instructions to operate or maintain any portion of the rehosted MOCAS. In order to reduce risk both for the Government and the contractor, we strongly recommend that the acceptance criteria be broken down at much smaller intervals.	
56.		Yes. NOTE: The delivery timetable will be addressed in amendment 4.
57.	part of the POP [period of performance]? I.e. 540 days?	No, the 540 days ends at delivery by the contractor. NOTE: The delivery timetable will be addressed in amendment 4.
58.	Contractor availability shall be 24-hours/7-days a week. Is this 24 hours/7 days a week for the 1-year period?	Yes.
59.	Will the most recent SSAA [System Security Authorization Agreement] be provided to the Contractor?	Yes, upon award.
60.	Full documentation shall include but not be limited to the followingComment: Terminology as such, makes it very difficult for the contractor to assume risks to cover	Comment acknowledged. NOTE: This language will be addressed in amendment 4.

61.	The Statement of Work, Section 4, Project Management, requires that the contractor submit several key documents (PMP, CMP, PQAP, SDP, STP, TP) as part of their proposal submission. In most cases, these documents will not be complete due to the lack of functional information. For example, the "meat" of the Software Test Plan (STP) is Section 4, Test Identification, which calls for Test Objectives, Test Conditions, and Planned Tests. These areas of the STP cannot be addressed until the functionality of MOCAS is fully captured and documented. Additionally, preparation of these documents is a large task for a vendor (especially a small business) to take on at cost and before award. We suggest requiring these documents to be developed by the winning vendor team after award and after the functional requirements have been documented.	Comment acknowledged.
62.	Do Test Scripts or a Software Test Plan exist for MOCAS As-Is? Even informal test scripts may be beneficial to the vendors bidding on this solicitation	The Government will not provide Software Test Plans for the MOCAS As-Is. However, if the contractor, during the course of performance, discovers additional documents, they may be requested through the COR.
63.	The Statement of Work specifies that the MOCAS rehost will "execute on a Defense Information System Agency (DISA) Standard Operating Environment (SOE) compliant Relational Database Management System (RDBMS)." Oracle is the only compliant RDMBS listed on the "DFAS Regulation 8000.1-R Appendix 4" attachment. However, DB2 is listed as a compliant RDMBS on the "DISA-Westhem SOE Certified Products" list. Is DB2 a compliant RDMBS within DFAS or will a waiver be required?	This language will be addressed in amendment 4.
64.	Are the database structures of the three SUPRA databases	A significant portion of the

	(MOCH, MOCL, MOCG) identical?	performance under this contract is to ascertain the as-is environment. The Government is aware that the three environments are "in large part" mirror images. The Government suspects that the three are the same. However, the Government does not know the precise extent of possible variances between the three environments.
65.	During proposal preparation, can the government provide a listing of the SUPRA database tables and columns? If this is not possible, can the government provide a count of the number of tables and columns (fields)?	The only information that will be provided is in Section J.
66.	Upon award, will we receive sample data for each of the three databases (Section 5, As-Is MOCAS, of the Statement of Work)?	The Government will provide an as-is snapshot that is a replica of the data in all three production databases. The snapshot will be able to process any and all data that the corresponding production database can. There is the possibility that specific types of data may not be included in the snapshot at the time it is replicated.
67.	Please clarify the sentence in Section 12, Repair, of the Statement of Work, that begins "Nothing herein shall be construed" It implies that, even after government acceptance of CLIN 0001, the government can determine that a needed correction should have occurred during CLIN 0001 testing.	The contractual rights referred to, and which arise after acceptance, can be found in the contract clauses. For example, see FAR 52.246-2 regarding fraud, latent defect, and gross mistake.
68.	[a] Does each MOCAS user have access to only one	a.)No.

	"MOC" (database)? [b] In other words, when a user logs in, does the system know to which MOC the user has access?	b.)Yes.
69.	What is the rough order of magnitude duration estimate for	CLIN 0001 will have a single delivery date approximately 540 days after contract award. NOTE: The delivery timetable will be addressed in amendment 4.
70.	The SOW states that all employees must be on site. If a lower cost/higher productivity solution can be used with U.Sbased offsite workers, is this acceptable?	See SOW par. 15.
71.	Will you please publish the results of the Pre-proposal Conference?	Yes.
72.	Do you anticipate any delays due to delays in the BMMP pilot implementations?	No.
73.	The Government requires that a PMP, PQAP, SDP, CMP, STP and a Transition Plan be provided with the MOCAS Proposal. The SOW states the Government will use these plans to assess and monitor the progress of the Re-host. Will the Government be subsequently providing the MOCAS "as-is" system development requirements to be used in the development of these CMM plans?	No, the only information that will be provided is in Section J.
74.	On several occasions within the RFP, the Government states that it cannot guarantee its ability to answer questions related to the MOCAS as-is system due to incomplete /outdated knowledge of the system. How does the Government expect an offeror to provide the required plans identified in Section Four Project Management in any meaningful detail or substance without having had an opportunity to conduct an assessment of the MOCAS As-Is environment, and an analysis of approximately 1.5 million lines of code?	The Government is seeking a contractor with the expertise to do so.

75.	The SOW states in several areas that multiple (3) MOCAS databases exist and that the re-host database design must provide for the migration of these MOCAS databases to a single physical database. Does the Government intend to perform their testing against a single physical MOCAS database (created from the current three MOCAS databases) at the start of Government testing? Is this the reason for the 180 days for Government testing? If not, what is the reasoning and rationale of the 180 day testing period?	The Government will, during the 180-day period, conduct any and all testing that it deems necessary to determine that the rehosted MOCAS has the same functionality as the asis MOCAS and that the ET&L programs successfully transfer the data. NOTE: The delivery timetable will be addressed in amendment 4
76.	Section Six Systems Development states the contractor shall use contractor provided SOE compliant RDBMS. The Government currently has enterprise level licenses of SOE RDMBS'. Is the contractor permitted to propose the use of already existing Government licenses to dilute costs rather then incurring the costs of products already under license by the Government?	This will be addressed in amendment 4.
77.	The Government specifies in Section Seven Functionality that it requires the re-hosted system will have 100% functionality of the as-is system. Can the Government define 100% MOCAS functionality? Can the definition be provided in specific terms, quantified by the number of conditions, parameters and screen definitions that constitute MOCAS 100% functionality?	See SOW par. 7.
78.	How did the Government validate that the MOCAS As-Is data baseline being provided to ensure that it will exercise 100% of the re-hosted MOCAS system functionality?	The Government will provide an as-is snapshot that is a replica of the production environment. The snapshot will be able to process any and all data that the corresponding production database can. There is

		the meanibility that are aifin to see of
		the possibility that specific types of
		data may not be included in the
		snapshot at the time it is replicated.
79.	Will the MOCAS data baseline being provided be cyclical to	<u>-</u>
	each update processing segment comprising a year of	snapshot that is a replica of the
	MOCAS processing?	production environment. The
		snapshot will be able to process any
		and all data that the corresponding
		production database can. There is
		the possibility that specific types of
		data may not be included in the
		snapshot at the time it is replicated.
80.	Will MOCAS daily, weekly, monthly, quarterly and yearly	The Government will provide an as-is
	baseline datasets (Input & Output) including any and all	snapshot that is a replica of the
	abnormal conditional files such as error files, log files and	production environment. The
	the like be included in the MOCAS baseline data provided	snapshot will be able to process any
	to ensure 100% functionality?	and all data that the corresponding
		production database can. There is
		the possibility that specific types of
		data may not be included in the
		snapshot at the time it is replicated.
81.	Will the MOCAS baseline data being provided by the	The Government will provide an as-is
	Government ensure 100% functionality and format	snapshot that is a replica of the
	compliance of all online and report functionality and screen	production environment. The
	field population?	snapshot will be able to process any
		and all data that the corresponding
		production database can. There is
		the possibility that specific types of
		data may not be included in the
		snapshot at the time it is replicated.
	I .	

82.	Section Nine Contractor Testing states that the government will grant interface testing only after written requests have been made to the COR and then within 60 days of receipt will a schedule and the interface be provided to the contractor. [a] How has the Government accounted for this type of scheduling within the 540 day scheduled as stated for CLIN 001? [b] Additionally, how does the Government intend to address the need to interact or assess each interface for proper interaction into the new MOCAS? [c] Should the contractor expect to receive the same 60 day window for analysis of each interface or may multiple interfaces be tested at one time?	 a.) The contractor must account for this in negotiating a delivery date. b.) The Government will address the contractor's need for access through the procedures in SOW section 9. c.) The contractor may request multiple interface testing at the same time. The dates given for testing may not be the same for each interface contained in a single request.
83.	Is the test data being supplied by the Government suitable for ensuring 100% functionality for all MOCAS interfaces? If so, to what level of certainty can the Government determine that test data represents 100% functionality?	The Government will not provide test data. The Government will provide an as-is snapshot that is a replica of the production environment and will be able to process any and all data that the corresponding production database can. There is the possibility that specific types of data may not be included in the snapshot at the time it is replicated.
84.	A single database baseline is to be provided. Does this imply that only the Columbus, OH transaction database is the only baseline to be included in contractor system testing?	There is no "Columbus, OH transaction database." The Government will provide an as-is snapshot that is a replica of the production environment used by all users around the world. It will be able to process any and all data that the corresponding production database can.

85.	The DOD has stated that it will take advantage of and follow the "Spiral" development methodology. In other words, "build a little, test a little, implement a little". The requirements of this RFP appear to be contrary and in opposition to the Spiral methodology. Can the Government identify, in light of the documents being required in Section 4, what the DOD development methodology is that the Government intends to follow to ensure the successful completion of the MOCAS re-host?	fixed price contract to acquire a rehosted MOCAS with DOD approval.
86.	The requirement for compliance with CMM level-2 infers that the Government staff, involved in the re-host, has similar credentials. Will the CMM individuals responsible for oversight, compliance and adherence to plans and overall contract success be Government personnel or contractors? If contractors who are they?	There is no inference regarding Government credentials. The Government may use any person to monitor contractor performance.
87.	Can the Government provide the last time and all associated documentation of data structures and code changes made to the to "as-is" MOCAS database including models and the purpose for the changes?	The Government will provide only the documentation posted with the RFP. However, if the contractor, during the course of performance, discovers additional documents, they may be requested through the COR.
88.	Can the government provide all COBOL and MANTIS changes made to the MOCAS as-is application over the past 24 months as well as the test procedures and the baseline data used to validate the changes made to the system?	The changes in the last 24 months are not relevant to this solicitation, since, if they occurred, are already part of the as-is MOCAS.
89.	Can the Government provide if the MOCAS as-is system will be frozen (no-changes) during the conduct of the MOCAS rehost? If the answer is NO to this question will the Government identify the procedures that will be in place to inform the contractor of the planned changes as well as	The as-is environment provided to the contractor will be frozen. However, if there are changes that are absolutely necessary during the performance period, they will be

	what baseline data will be made available to augment the MOCAS data to be used in testing? If the answer is YES how does the Government anticipate handling emergency and mandated changes to the MOCAS as-is and how will the contractor be informed of these changes and their degree of complexity?	implemented by modification.
90.	Can the Government release all of the source code at this time to enable bidders an opportunity to fully analyze the application and accurately gauge the level of effort required for the conversion?	No.
91.	The contractor shall submit, as part of its proposal and in accordance with the terms of the solicitation, a Program Management Plan (PMP), Program Quality Assurance Plan (PQAP), Software Development Plan (SDP), Configuration Management Plan (CMP), Software Test Plan (STP) and a Transition Plan that the contractor will use to manage this contract. The Government will use these plans, during the course of the contract, to monitor the contractor's progress toward timely and acceptable performance. The Government may determine that deviations from these plans are conditions threatening performance. We recommend these plans be submitted as draft with the proposal, and the final delivered within 45 days after award, pending review by Government. Changes to these documents will be mutually approved by the Government and the contractor.	
92.	The contractor shall using the ET&L programs provided in paragraph 8, above, to migrate the data from one of the three as-is databases to the rehosted MOCAS. Prior to proceeding to the next as-is MOCAS database targeted for migration, the contractor shall receive written notification	The delivery timetable will be addressed in amendment 4.

	from the COR. The contractor shall migrate the remaining two as-is MOCAS databases to the production platform within the timeframe specified in the notification, estimated at 30 calendar day intervals beginning from the date of the completion of the prior as-is database. The contractor will have 24 hours to complete each migration. The contractor will also migrate any government-edited data from the ET&L suspense file to the production platform. Further clarify	
93.	Will DFAS be responsible for assuring that the final inventory of program sources matches the programs in actual production, or will the vendor need to allow time to complete this assurance?	This is a contractor responsibility.
94.	In accordance with CLIN 0003, if exercised, beginning at installation of the rehosted MOCAS on the production platform, and continuing for one year thereafter, the contractor will repair the rehosted MOCAS system at the direction of the PCO or COR. Nothing herein shall be construed to prevent the Government from exercising its contractual rights to reject non-conforming supplies or services, revoke acceptance under the terms of the contract, or exercise any other contractual term. The term repair shall be defined broadly to encompass:If a bug from CLIN 0001 is not noticed and needs fixed under repair mode, would this fall under CLIN 00003 or a warranty period? If there's a warranty period, how long?	Neither a warranty clause nor the repair CLIN will relieve the contractor from the responsibility for providing a fully compliant product under CLIN 0001. Once the warranty and/or the repair CLIN are effective, the Government may elect to exercise the warranty or the repair CLIN in accordance with their terms. For the Government's proposed warranty terms see Solicitation Section I.
95.	Notwithstanding any contractor testing, the Government expressly reserves the right to conduct any testing in order to determine that the rehosted MOCAS complies with all the terms of this contract. Because we understand that you have multiple test bases today, [a] will this test base for the	a.)The Government will not interfere in the contractor's use of the as-is, development, or testing system. b.)No.

	contractor be off-limits for Government testing during the process? [b] Due to the FFP nature, it is in order that the mutually agreed upon Acceptance Test Plan and Procedures be used by the Government. Is this acceptable?	
96.	Error messages. Error messages will be numbered and worded in the rehosted system the same as they are numbered and worded in the as-is MOCAS system. We assume these errors messages apply only to application errors, and not to internal system errors that are not part of the application. Is this a correct assumption?	Only error messages generated by the MOCAS application software will be numbered and worded in the rehosted MOCAS the same as they are numbered and worded in the asis MOCAS system.
97.	Reference: Section L, page 13, Attachment 2 Past Performance Questionnaire, Section 4 Evaluation Can the Government include an evaluation code for Not / Applicable (N/A) for those items that are not relevant to a particular past performance reference?	This will be addressed in amendment 4.
98.	Will DFAS consider the test coverage to be sufficient if it covers the program logic exercised in a simulated normal operational cycle for each program? Or will DFAS want the test coverage to be forced to follow all accessible logic paths?	The contractor must determine what testing is sufficient to ensure the rehosted MOCAS complies with the contract requirements.
99.	Produce sufficient evidence to demonstrate that the program accurately migrated the data. (Note: the contractor may choose to develop a method separate from the ET&L	The contractor must determine what testing is sufficient to fully evidence the rehosted MOCAS complies with the contract requirements.
100.	 	

101.	a complete copy of MOCASone time snapshot of full-production data. Will this snapshot include internal and external interfaces to include incoming and outgoing?	The Government will provide an as-is snapshot that is a replica of the production environment. The snapshot will be able to process any and all data that the corresponding production database can. There is the possibility that specific types of data may not be included in the snapshot at the time it is replicated. The snapshot will contain the programming, within MOCAS, necessary to operate the interfaces. To conduct testing of those
102.	Will the government publish a complete procurement schedule?	interfaces, see SOW section 9. No.
103.	Will all existing plans be provided to the contractor at award time to include existing test plans, etc? Are there existing Integration Test Plans that encompass the entire system? If so, will they be provided? Can they be provided now?	The Government will provide only the documentation posted with the RFP. However, if the contractor, during the course of performance, discovers additional documents, they may be requested through the COR.
104.	If a lower total cost of ownership database software and applications product suite alternative can be provided, is this acceptable? What documentation do you require to prove the business case?	The contractor may use whatever product(s) comply with the terms of the solicitation. No business case will be conducted.
105.	Given the limited scope of knowledge in the As-Is documentation, a Time and Materials or Cost-Plus type contract seems to be more appropriate than Firm Fixed Price in this case. Simply, a large risk is being placed on the contractors. [a] Could you please justify the selection of	a.) No. b.) A contract will not be awarded for a review of the architecture. The Government's further review or lack of further review of the as-is

	Firm Fixed Price, given the limited documentation and broad scope? [b] Would you consider a review of architecture prior to project implementation?	architecture is not relevant to the Government's requirements as stated in the solicitation. If further review results in changes to the requirements, the solicitation will be amended.
106.	MOCAS. It is understood that offerors may propose different time frames for delivery as part of its technical approach but an understanding of the Government's	a.)This is the Government's desired delivery schedule.b.)Calendar days.Note: The delivery timetable will be
	expectations. [a] How did the Government arrive at 540 days as the optimal time to perform the re-host? [b] Are these 540 Calendar days or 540 Business days including or excluding Government Holidays?	addressed in amendment 4.
107.	For the past 24 months can the government provide all changes made to "sidecar" interfaces to the MOCAS as-is system?	The changes in the last 24 months are not relevant to this solicitation, since, if they occurred, are already part of the as-is MOCAS.
108.	systems will an exact copy of program A exist in each system (i.e. no source code differences)?	The Government is aware that the three environments are "in large part" mirror images. The Government suspects that the three are the same. However, the Government does not know the precise extent of possible variances between the three environments.
109.		Not to the best of our knowledge of the as-is environment.

	directly to database structures outside of the MOCAS data sets? Do any applications outside of MOCAS access the MOCAS data structures directly through database calls?	
110.	version 5.4.01 to 5.4.02. There is a potential to update SUPRA to version 2.7". Will there be a "brown out" period for software changes and upgrades [to the MOCAS As-Is] during the rehosting process?	The as-is environment provided to the contractor will be frozen. However, if there are changes that are absolutely necessary during the performance period, they will be implemented by modification. NOTE: The note on the Executive Software List attachment is corrected to read as follows: "We are upgrading MANTIS version 5.4.01 to 5.5.01. There is a potential to update SUPRA to version 2.7".
111.	For what purpose does the government anticipate using the source code, executable objects, etc., for the Extraction, Translation and Loading Programs?	This Government requires the potential future use of these tools.
	The technical specifications indicate that 3 physical	The User ID is currently used to control access to the 3 databases.
113.	Based on a bid submission date of September 17, 2003, can the Government estimate the date when the contract will be awarded?	No.

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	MOCAS application will need to be analyzed in sufficient detail. Recognizing that a sample of the source code was released with the final RFP, [we are] requesting access to the complete MOCAS application prior to the proposal deadline. In recognition of the security concerns, the cost of duplicating and distributing the source code, the deleterious impact on ongoing daily operations, and the inherent logistics and source code management risks involved, [we are] prepared to conduct a one week on-site analysis at the government's convenience. This approach provides ample time to complete a thorough analysis, design and articulate a viable plan on fixed-price fixed-time basis and meet the government's RFP response deadline.	No additional access to source code will be provided before award.
11	Will the MANTIS PROGRAMS, SCREEN and TOTAL entity definitions be available in electronic UEF format?	The Government will provide only what is described in the solicitation. If the contractor, during the course of performance, discovers these programs in this format, access to them may be requested through the COR.
1	To facilitate accurate analysis of the SUPRA database can the Government provide in a text file format, the output from a SUPRA intra-directory copy (IDC)?	The Government will provide only
1	The vendor assumes the government will negotiate a payment milestone schedule under this contract.	Payment milestone schedules will be addressed in amendment 4.

118.	evidence no change to the screen layouts, order of fields,	Comment acknowledged. NO CHANGES to any characteristics are permitted by the solicitation.
119.	The rehost is moving from three databases to a single database. Will the size of the database be expanded?	It may or may not, depending on the contractor's technical approach.
120.	Currently there are three databases that have common data elements. [a] Is there a single data owner now? [b] Will there be a need to resolve data ownership problems between the databases?	a.)No. b.)No.
121.		The Government is aware that the three environments are "in large part" mirror images. The Government suspects that the three are the same. However, the Government does not know the precise extent of possible variances between the three environments.
122.	Is the snapshot of the As-Is MOCAS a one time snapshot or can it be refreshed?	It is a one-time snapshot that can be reloaded. It will not be refreshed with new data.
123.	Will the Government enter into a service level agreement with the contractor to ensure adherence to schedule and cost related to the re-host Amdahl environment and all its associated services and storage?	No.
124.	·	The Government will not pay for any effort expended in responding to this solicitation.

	The RFP stipulates that the bidder must identify whether their accounting system has been approved by the Government. Given that the Government is requesting a fixed price proposal, why is this relevant? If the accounting system has not been approved by the Government, will it have a negative impact on the evaluation of the proposal? The on-line portion of the MOCAS system is currently written in the MANTIS 4GL. The disposition of this code is not necessarily clear. Must the MANTIS code be converted to some other language or is it acceptable for the existing MANTIS code to be modified to work with the new database technology?	It may be relevant to contract financing. It is not a selection criteria. MANTIS code is acceptable.
127.	The response times listed in the attachments indicate "Monthly Averages". [a] What was the basis for establishing this monthly average? [b] Could you provide system configuration, resources and end-user workloads used to establish these baseline response times?	 a.) The monthly averages were established as part of the Government's requirements. b.) No. The Government will provide only what is described in the solicitation. If the contractor, during the course of performance, discovers this information, access to it may be requested through the COR.
128.	In addition, any product loaded on a workstation that is connected to the DFAS enterprise local area network (ELAN) must be listed in section J, attachment 2, MOCAS DoD Guidance – DFAS Regulation 8000.1-R Appendix 4: DFAS Standard Product List. If a developmental tool is PC-based can a waiver be granted?	This will be addressed in amendment 4.
129.	Will workstations be available that are not connected to the ELAN and therefore, a non-Std. Developmental Product would be permitted to be installed?	This will be addressed in amendment 4.

130.	To ensure coordination of installation and migration of data with the contractor and Government entities, the contractor will receive from the COR written notification to proceed with specified phases. This notification will identify the time frame in which the Government requests that the phases be performed. These timeframes, barring any unexpected situations, will correspond to the agreed upon schedule within the Project Plan. Which phases are referred to here? Delivery? What if the contractor is not ready for the next phase?	
131.	What is the Government's purpose for requiring these plans of all offerors as part of the technical proposal since the Government states it may be unable to provide clarity or explanation?	See SOW par. 4.
132.	What are the criteria that the Government will use to assess the quality and completeness of the provided plans relevant to the evaluation criteria identified for the technical proposal?	
133.	have received a waiver from the CO for use. In addition, any product loaded on a workstation that is connected to the DFAS enterprise local area network (ELAN) must be listed in section J, attachment 2, MOCAS DoD Guidance - DFAS Regulation 8000.1-R Appendix 4: DFAS Standard Product List. [a] What products possess current waivers? [b] For products that have existing waivers, will the contractor be responsible for future waivers or do these apply to the future? [c] To whom will the contractor submit the waiver request? [d] How long does the waiver process	 a.) None, any item not on the applicable list must receive a waiver on a case by case basis. b.) Not applicable. c.) This will be addressed in amendment 4. d.) Waiver requests submitted with the successful offeror's proposal will be approved/denied prior to award. For waiver requests submitted after award, see Amendment 1. e.) For waiver requests submitted

	waiver is not granted?	before award, the offer will be technically unacceptable. For waiver requests submitted after award, the contractor will be required to perform the contract as awarded. NOTE: The products, development tools, and programming languages to be used will be addressed in amendment 4.
134	The RFP specifies that the vendor "shall update, convert or rewrite MOCAS's MANTIS, COBOL and other programs". This provides broad latitude to the vendor. However, we may be able to accommodate a preference by DFAS without increasing our bid. [i]Does DFAS have a preference for the target language, RDBMS, and on-line environment? a) Should we assume MANTIS/COBOL, COBOL only, C only, or another language as preference for language? If another language, which one? b) Should we assume DB2 or another database as preference for RDBMS? c) Should we assume CICS or another environment as preference for the on-line environment?	a.) No. b.) No. c.) No.
135	The SOW does not state requirements for when the need arises to convert archived Supra database records into the re-hosted MOCAS. Does the Government intend to maintain a Supra environment after the successful re-host of MOCAS or is the contractor expected to provided the CINCOM software licenses for that environment to address restoration of archived MOCAS records? If a CINCOM product environment will NOT be maintained by the Government how does the Government intend to specify	Conversion of <u>archived</u> SUPRA database records is not a requirement in this SOW.

	the requirements to the contractor to address the restoration of MOCAS As-Is archive records post the Supra environment?	
136.	Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments. How much disk space over how many volumes will be available for the conversion effort?	Available resources will be addressed in amendment 4.
	Given that the Solicitation states that the Amdahl will be provided, "with sufficient space for the As-Is MOCAS development and testing" environment, [a] is this machine exclusive to this project? [b] Is there some guarantee of operability by the government, e.g., who is and how is the machine being administered, and will a service level agreement be provided? [c] Given the aggressive implementation schedule, will you be operating the GS-765 in 24x7x365 mode? Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments. What competing workload will be running on the government-supplied OS/390 system?	a.) The as-is MOCAS, the testing environment and the development environment will all reside on the same mainframe and will be available and dedicated to the MOCAS rehost project. There may or may not be other users on that mainframe. b. & c.) These will be addressed in amendment 4. The as-is MOCAS, the testing environment and the development environment will all reside on the same mainframe and will be available and dedicated to the MOCAS rehost project. There may or may not be other users on that mainframe.
139.	Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments. [a] What existing/competing processor, memory (page/swap), and I/O device utilization will be absorbed by non-conversion workload? [b] Will processing priorities for the conversion workload be lower than other workload?	a.) The LPAR dedicated to the as-is and to the testing and development will be operated using dedicated CPUs, direct access storage devices (DASDs) and controllers. All other resource may be required to be shared, for example the

	Reference: Section C, paragraphs 2, 6 and 16; Section J Attachments. Please provide hardware resource details for		tape management system and communication ports. The LPARs dedicated to the MOCAS rehost contract will not be used for any other purpose. Since they will have their own CPUs, there will be no processing priority issues. will be addressed in amendment
	the conversion development platform.	4.	
141.	Reference: Section C, paragraph 16. Is the contractor to provide system operators, systems programmers and DBAs for the government-furnished hardware and software environment, or will those services be provided by government personnel?	perso avail contr	government will provide onnel to ensure the system is able and operable, the ractor will provide all other onnel.
	The RFP specifies that performance may not degrade over the current performance of the system. While it has been our experience that in most cases a networked database design moved to a relational design can have comparable performance, it is also possible that comparable performance will require additional system resources. Will DFAS provide sufficient mainframe resources to allow the vendor to meet this requirement?		lable resources will be essed in amendment 4.
	Given the additional overhead that is inherent with relational databases in conjunction with the database consolidation, it could be difficult to obtain equal to or better response times with the as-is system. Can the vendor expect the government to provide additional hardware resources to ensure the desired response times are obtained?		

145.	The RFP states that the Government will provide GFP including a Amdahl Millennium GS-765 and OS-390 Operating System. The RFP also states sufficient space on the Amdahl GS-675 is to be provided to support MOCAS as-is testing. What changes are planned to the Millennium platform over the next two years? Please identify any planned changes to OS, hardware upgrades, COTS planned software upgrades and the like. Will the contractor be provided OS system level authority? On use of tools and compliance with SOE standards, [a] does this apply to extraction/search tools and [b] will the Government grant a waiver upon award or prior to submission? [c] Who will be responsible for ensuring compatibility with other SOW products the contractor or the Government?	No. a.) Yes. b.) After submission of offers, and prior to award. c.) The contractor. NOTE: The products, development tools, and programming languages to be used will be addressed in amendment 4.
147.	We understand it may be too late to get the following information or it may be secured, however, it would be helpful if it can be provided. [a] Amdahl Model Number? [b] Amount of memory? [c] CPU utilization metrics? [d] Production percentage of use? [e] Development percentage of use? [f] Test percentage of use? [g] Are there any assumptions on capacity and availability made by DFAS, that can be provided?	a.) The <u>current</u> mainframe hardware is the Amdahl Model Number Millennium GS-765 with 5 shared engines assigned to the logical partition (LPAR) for production and 2 shared engines assigned to the LPAR for testing and development. b.) The <u>current</u> production LPAR has 288 MB of Central Memory and 320 MB of Expanded Memory. The current test and

		d.) e.) f.) g.)	development LPAR has 384 MB of Central Memory and 448 MB of Expanded Memory. The current production CPU utilization average is 161 MIPS during the nightly batch cycles. The current testing and development CPU utilization average is 70 MIPS during the nightly batch cycles. The current production LPAR is used 100% for MOCAS. The current test and development LPAR is shared. 31% of the LPAR is being used by MOCAS. See answer e. above. Service weights assigned to the current production LPAR ensure that roughly 208 MIPS are available for use by the production system when CPU resources are near saturation levels for the entire mainframe platform.
148.	Will the government provide a list of attendees for the MOCAS Re-Host Bidders Conference?	Yes.	
149.	,	b) W	es. See question number 110. /aivers are not required for GFP.

	planned for use, and if so, what are they?	The Government is defining its minimum needs. NOTE: The products, development tools, and programming languages to be used will be addressed in amendment 4.
151.		Alternate proposals as defined by FAR 52.215-1, Alternate II, are not authorized under this solicitation.
	If the above is not allowed can we propose multiple solution with technical + cost factors within one single proposal?	No. The offeror is required to provided its best solution as long as the proposal is responsive to the Government's RFP.
	As part of the solicitation we will get a complete production copy of the existing application in a test environment at the Government site. Will it be in Ohio or any other site?	The contractor will receive a copy of the MOCAS As-Is system in Columbus, Ohio only.
154.	· •	The Government will make available all existing source code for the MOCAS application.
155.	analysis for Mainframe, will there be any remote access(DFAS) for our technical onsite experts to join for	As stated in paragraph 15 of the SOW, the Government will not provide the contractor with remote access to any Government systems.